

1 JAN 2000

EQUIPMENT REPLACEMENT PLAN

1. **PURPOSE.** To provide guidelines an organized, efficient and reliable method of radio equipment replacement in the Iowa Wing to conform to the NHQ CAP Sunset Dates conversion to the new NTIA Technical Standards.
2. **SCOPE.** This plan uses the Sunset Dates to establish the time frame for the replacement of Corporate Communications equipment in the Iowa Wing and for the use of present corporate and privately owned communications equipment that do not meet the new standards. It is mandatory for all members of the Iowa Wing using Corporate or privately owned equipment.
3. **BACKGROUND:** All CAP radio communications are authorized by the NTIA on behalf of the U. S. Government. The NTIA has established new technical standards for equipment to increase the number of channels available, and improve the technical standards for equipment under its jurisdiction. These standards include both transmitter and receiver characteristics whereas before our FCC requirements only contained technical specifications for transmitters. These equipment standards are mandatory for all CAP members and their use is required as described in the Sunset dates listed in Attachment A to this COMMPLAN. The CAP National Technical Center maintains a current list of HF and VHF equipment that meet the HF and Wide/Narrow band FM standards by band and emission type. The Iowa Wing will not license units or individuals with call signs unless they have access to or own equipment that complies with the current standards per the Sunset Dates List in Attachment A. As of the last Sunset Date in Attachment A, all radio equipment used in the Iowa Wing must conform to the new NTIA narrowband standards and radio equipment from any source must meet the NTIA standards or it cannot be used. Individuals who intentionally use communications equipment not meeting the current NTIA standards after each of the Sunset dates are subject to disciplinary actions by their commanders and could also face civil fines and jail time.
4. **SUNSET DATES:** The Sunset Dates listed in Attachment A are the latest date that a particular type of non-compliant communications equipment can be used on the air or the latest date that a particular type of equipment which does not meet the current requirements can be bought with corporate (including squadron) funds or received as donations. It is the Iowa Wing's plan to fully support these sunset dates when purchasing new equipment.
5. **ENFORCEMENT:** All Commanders are responsible for conducting Net and Frequency monitoring as described in Chapter 6, CAPR 100-1 V-1 within their units and enforcing the prohibitions against using non-compliant equipment as part of their program. They are responsible for taking immediate appropriate action against violators. An appropriate first occurrence action could include issuance of a CAPF 33, CAP Radio Discrepancy Notice, if the occurrence was unintentional.

FOR THE COMMANDER

MERCER B. RICHARDSON, LtC, CAP
Iowa Wing Director of Communications

Approved Sunset Dates for Non-Compliant Equipment

VHF FM	
31 December 1999	Only VHF FM wide band compliant equipment may be added. Non-compliant equipment already in use prior to this date may remain for now. No CAP corporate or appropriated funds may be used to purchase equipment that is not NTIA narrow band compliant. EXCEPTION: CAP can continue to accept donated, screened, or personally funded equipment that is compliant with NTIA wide band specifications through 31 December 2004.
31 December 2001	All equipment that is not compliant with NTIA wideband specifications must be taken out of service.
31 December 2004	All new equipment purchased, screened, donated, or personally funded must be compliant with NTIA narrow band standards. Older wide band compliant radios already in use may be used until the transition to narrow band frequencies.
31 December 2005	CAP will be prepared to transition to new narrow band channels when given approval by AFFMA.
1 January 2008	Narrow band transition must be completed by law.
HF SSB	
31 December 1998	All new HF SSB must be compliant with NTIA specifications. Older equipment already in use may continue to be used for now.
31 December 2001	All HF SSB equipment that does not meet NTIA specifications must be removed from service.